User Instructions
Cyrus dAD1

Cyrus dAD1

Congratulations on the purchase of your *Cyrus dAD1* CD player. This is a precision manufactured state-of-the-art product, constructed to the highest standards and specifications. This manual contains installation and operating instructions to enable you to connect and operate your CD player correctly, thus ensuring the greatest satisfaction and long term use.

This instruction manual contains the following sections:

To enable you to make full use of the comprehensive facilities of the *dAD1* we would suggest that you read these sections which will explain the fundamental operations of the unit.

UNPACKING

Always follow the instruction handbook and retain it in a safe place for future reference.

Before proceeding with installing the *dAD1*, ensure that the following items are included in the accessory box:

- Instruction Manual
- *MC-BUS* interconnects
- Remote Handset

After removing these items, please retain the packing for future use.

CAUTION

POLARISED CONNECTOR (115V PRODUCTS ONLY)
CONNECTOR POLARISE (PRODUITS 115V SEULEMENT)

To prevent electrical shock, match wide blade of plug to wide slot and fully insert

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

SUPPLY VOLTAGE

Your *dAD1* is factory set to operate from a fixed mains supply voltage, which is marked on a label at the rear of the unit. Before connecting, check that this voltage is the same as your mains supply, i.e.

230V Products   Voltage Range 220V-240V
115V Products   Voltage Range 110V-120V

LOCATION

Install the *dAD1* in a well-ventilated location where it will not be exposed to high temperature or humidity. Avoid installing the *dAD1* in a location which is exposed to direct rays of sun, or near hot appliances or radiators. Placing or using the *dAD1* for long periods on heat-generating sources will affect performance and may damage the cabinet. Installation in a damp or dusty environment may result in malfunction or accident.

PRECAUTIONS REGARDING INSTALLATION

Do not let any liquid or foreign object fall into this unit. Avoid running the power cord over or near sharp objects. If the *dAD1* is not to be used for a long period of time, unplug the unit from the mains power supply. This unit contains no user serviceable parts. **Never** remove any panels from the unit or attempt to service it. In the rare event of a failure, refer to qualified service personnel.

RE-LOCATING

The *dAD1* is supplied specifically for use in your location. Consult your *Cyrus* distributor to arrange for conversion of your *dAD1* should you move to another area with different mains voltage requirements.

The *dAD1* may be positioned as a freestanding unit or alongside a partnering *Cyrus* unit. Never stand it on top of a power amplifier which may generate heat. The *dAD1* must always sit horizontally on a flat firm surface.

Important Note for UK Customers

The mains lead of this unit is fitted with a UK 13A Plug. Do NOT disassemble this plug. If for any reason you remove the plug, dispose of it safely and do not attempt to re-use it.

The wires in the mains lead are coloured in accordance with the following code: **Blue -** neutral, **Brown -** live.

If these colours do not correspond with the coloured markings identifying the terminals on your new mains plug:

Connect the **Blue** wire to the terminal which is marked with the letter **N** or coloured **Black**.

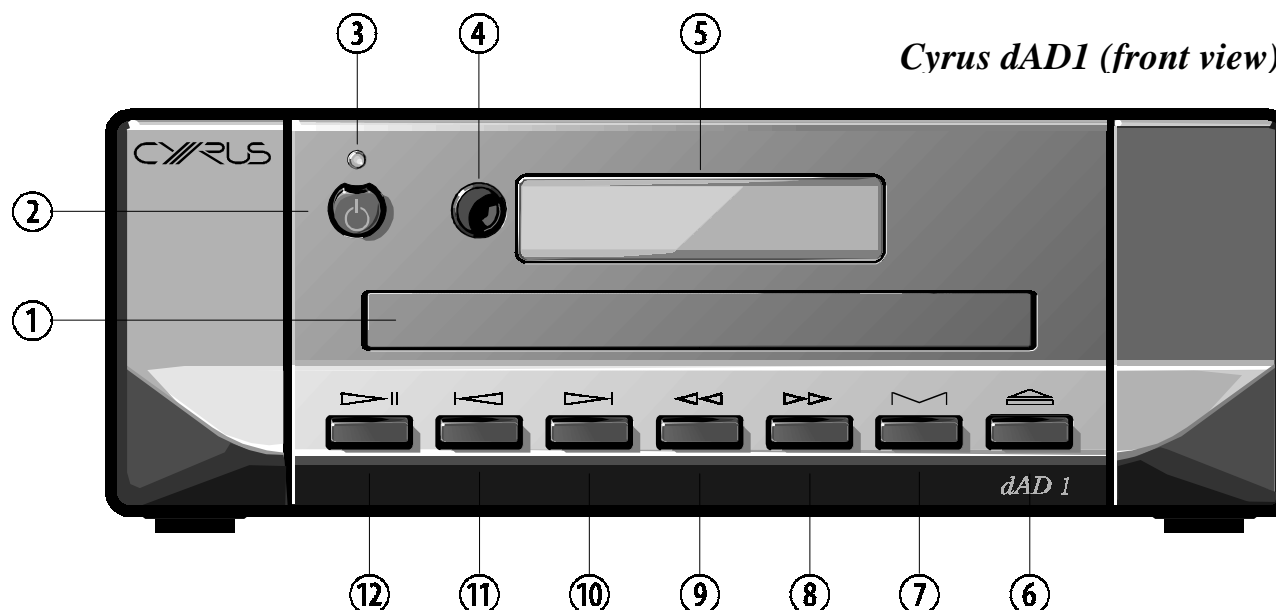Connect the **Brown** wire to the terminal which is marked with the letter **L** or coloured **Red**.

Ensure that your equipment is connected correctly. If in doubt, consult a qualified electrician.

Cyrus dAD1 (rear view)
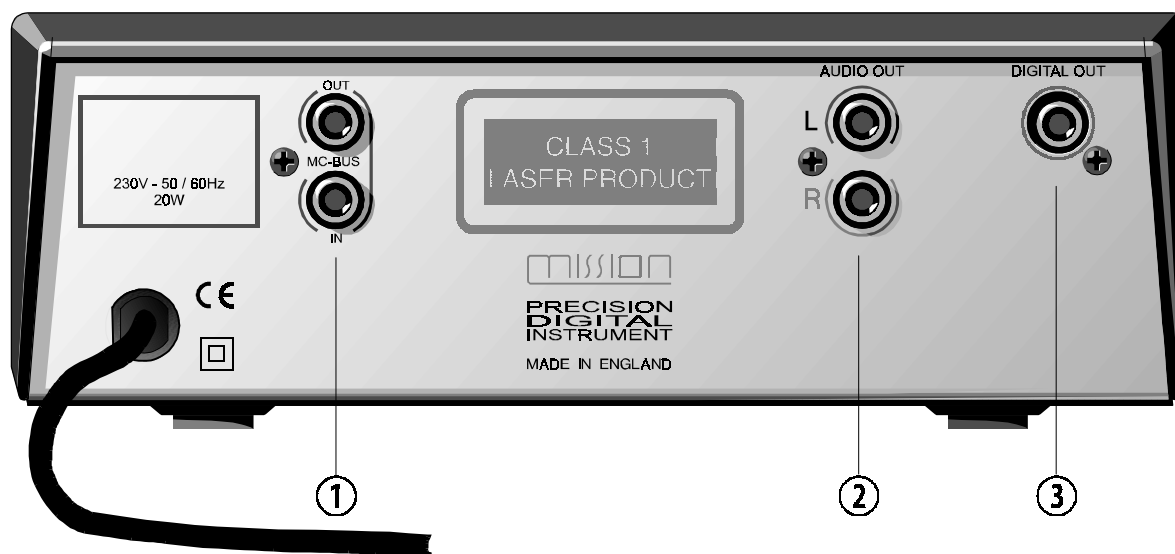
1. *MC-BUS* connections
2. Audio Outputs
3. Digital Output

Cyrus dAD1 (front view)

1. CD Loading Door
2. Standby Key
3. Standby Light
4. Remote Eye
5. Display Window
6. Stop/Open
7. Memory Store
8. Search Forward
9. Search Reverse
10. Next Track
11. Previous Track
12. Play/Pause

CONNECTING POWER TO THE UNIT

In the UK, the *dAD1* comes fitted with a mains plug. The plug fuse should be replaced only with a 3 Amp Fuse.

CONNECTING TO THE SYSTEM AMPLIFIER

Connect one end of a quality RCA interconnect to the audio output sockets ② on the rear panel of the *dAD1* and the other end to a line level input of your amplifier. Inputs that are suitable for this purpose are CD or AUX. DO NOT connect the *dAD1* to the PHONO input.

CONNECTING AN EXTERNAL D/A CONVERTER

The *dAD1* has a digital output signal, which may be used to drive an external D/A converter. Using a 'digital' phono interconnect, connect the socket marked DIGITAL OUT ③ on the rear panel of the *dAD1* to the input of a suitable D/A converter. Referring to the relevant handbooks, connect the audio outputs of the D/A converter to a suitable input of the amplifier.

MC-BUS SYSTEM CONNECTION

Connecting the *MC-BUS* sockets on the rear panel enables specific *Cyrus* products to operate as a fully functional integrated system with your *dAD1*. The Additional Information section of this manual has fuller details.

POWER CONTROL

The mains power to the *dAD1* should normally be left on unless left unattended for a long period when the mains power at the wall socket should be switched off or the product disconnected from the AC supply.

Please refer now to the front view on page 4

When power is applied to the *dAD1,* the STANDBY key ② can be used to switch the unit on and off. The standby light ③ will show red when the *Cyrus dAD1* is in standby and green when operating.

LOADING A DISC

Press the STOP/OPEN key ⑥ to open the CD tray.

Load a CD into the tray with the label side upward.

Press the STOP/OPEN key to close the CD tray.

Note:- The *dAD1* is designed for reproduction of audio compact discs only. Do not attempt to play CD-ROM or other types of disc on this product.

PLAYING A DISC

To play a disc, press the PLAY/PAUSE key ⑫. Playback of a disc will always commence from track 1 unless otherwise selected. Refer to the front panel display on page 6 for full details of the display information available during disc playback.

PAUSING

Pressing the PLAY/PAUSE key ⑫ will pause the current track being played, and hold the disc at the precise point of interruption. The PAUSE symbol will show on the display. Press the PLAY/PAUSE key ⑫ again to resume playing the disc.

FAST FORWARD/REVERSE

The SEARCH FORWARD ⑧ and SEARCH REVERSE ⑨ keys can be used to locate a specific point within a track. Fast search will commence at a slow speed increasing after a few seconds if the key is held down.

The Fast Search keys will also search through next or previous tracks if held down long enough.

PREVIOUS/NEXT TRACK SELECTION
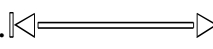
Pressing the NEXT ⑩ or PREVIOUS ⑪ keys allow you to advance or regress successively through all the tracks on the CD. Track indications appear on the display.

When you are playing a track, pressing NEXT once will take you to the next track.

If however, when playing a track, you want to go back a track, you will need to press the PREVIOUS key twice; once to take you to the start of the current track and once more to take you to the start of the previous track.

DISPLAY INDICATIONS
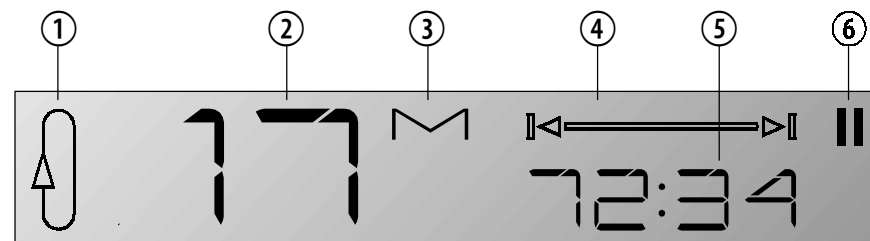
1. Repeat Indicator...
   Indicates that repeat has been set from the handset.

2. Track Display (Two Digit)...................................
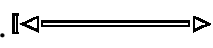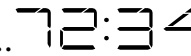   Track number, disc reading and error display.

3. Memory Display...
   Indicates when a program is stored in the memory.

4. Time Mode Indicator.............................
   Two display modes are normally available*:-
   i) Total time (disc stopped)...................
   ii) Elapsed time for the current track......
   (*See page 9 for time remaining mode)

5. Time Display ....
   Shows the total time, time elapsed, or program times.

6. Pause Indicator ....
   This symbol indicates that pause is set.

STOP/OPEN

The STOP/OPEN key ⑥ has several uses.

When a disc is playing, pressing STOP once will stop the disc immediately.

Pressing STOP twice will stop the disc and open the tray.

A long continued depression of the STOP key will stop the disc and open the CD loading tray.

If the disc is already stationary, one touch of the STOP/OPEN key ⑥ will open the tray.

PROGRAM MEMORY STORAGE

To store a customised program sequence: Load a disc. Select the desired track number by using the NEXT key ⑩ or PREVIOUS key ⑪, then press the MEMORY key ⑦. The display will confirm memory storage.

As each selection is stored, the display will show the letter 'P', followed by the position of the track in the memory (for example P:07 indicates this track is in position seven). Repeat this for up to 20 tracks.

Note:
1. Memory full indication will show on the display when the program stored exceeds 20 tracks.

2. When engaging STOP while a program is stored, an extra press is needed to clear the memory. Thus:
- Press STOP once to stop the disc.
- Press STOP a second time to clear the memory.
- Press STOP a third time to open the tray.
- One continuous press will accomplish all operations.

When using the handset three separate presses are needed.

PROGRAM MEMORY REVIEW

After storing a selection of tracks you can check the contents of the memory with a long press of the MEMORY key ⑦. The program display will show each memory position in turn and the track display will show the corresponding track numbers.

PLAYING A PROGRAM

Having stored your program, press PLAY to commence playing the program.

If you press the NEXT or PREVIOUS keys during playback of a stored program, the next or previous track in the program will be selected.

REMOTE CONTROL HANDSET

The principal functions of the *dAD1* are available on the remote control handset supplied with the unit. These features have been fully covered in the operation section.

The handset also provides access to additional features which are detailed opposite.

1. Stop/Open
2. Pause
3. Play
4. Repeat
5. Random Play
6. Next Track
7. Previous Track

INSTALLING THE HANDSET BATTERIES

Remove the battery compartment cover located underneath the unit. Fit the two AAA batteries, one behind the other, in the location provided. Observe the polarity marked in the bottom of the battery case.

REPEAT

The REPEAT key ④ can be used for replay of the entire disc or programmed tracks.

When REPEAT is selected, its symbol will show on the display. To clear REPEAT, press the key a second time.

If a program selection has been stored, the REPEAT key will allow continuous play of this program sequence.

RANDOM PLAY

Pressing the RANDOM key ⑤ will cause the *dAD1* to play all the tracks on the disc in a random order.

THE *Cyrus AUDIO COMMANDER*

The *Cyrus Audio Commander* (see page 9) is available as an accessory which facilitates the integrated operation of a wide range of *Cyrus* products. When using the *Audio Commander* an extended range of operating facilities is available on the *dAD1* which will enhance your enjoyment of this product.

OPERATING THE *dAD1* WITH THE *COMMANDER*

The *Cyrus Audio Commander* enables integrated system operation of *Cyrus* components including the *dAD1*.
The handset also provides operating features not found on the standard remote handset.

1. CD Select

2. System On

3. System Standby

4. Pause

5. Play

6. Stop/Open

7. Next/Previous Track

8. Search Fwd./Rev.

9. Memory Store

10. Number Keypad

11. Repeat

12. Time Display

13. Display
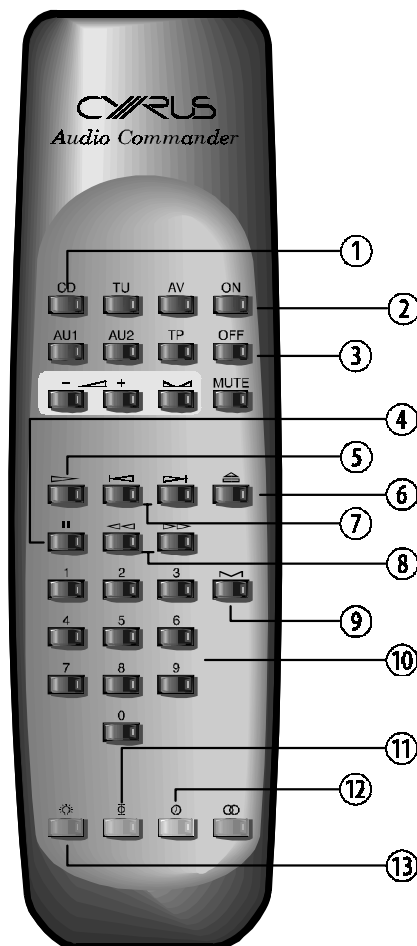
SWITCHING ON/OFF

From Standby, press the CD SELECT key ① to select the *dAD1* and bring the system amplifier/s out of Standby.

Alternatively: Press the SYSTEM ON key ② to bring the *Cyrus Pre* or *Cyrus IIIi/III* out of Standby. Now press the CD SELECT key ① to select the *dAD1* and activate it.

Pressing the SYSTEM STANDBY key ③ will set any *Cyrus* amplifier, tuner or CD player to Standby.

REMOTE OPERATION –ADDITIONAL FEATURES

Search: Forward and Reverse Search are engaged by pressing the ▶▶ and ◀◀ keys ⑧.

Time Display key ⑫**.** This changes the display between: *Elapsed Time* (◀▭▭▭), which is the time elapsed from the beginning of the current track, and *Remaining Time* (▭▭▭▶), which is the time remaining to the end of the disc or a program, if stored.

Display key ⑬**.** This key switches the display on/off.

Direct Access Numeric Keypad: Press any number key ⑩ to select and play a track. The track number will appear on the display. If the disc has more than ten tracks the *dAD1* will briefly wait for a second digit if appropriate.

When a program is stored, the keypad will enable access only to tracks included in the program memory.

dAD1 MAINTENANCE

There are no user serviceable parts in the *dAD1*, so there is no reason to remove any panels. Clean the cabinet using a slightly moistened chamois leather. DO NOT use cleaning agents containing alcohols, ammonia or abrasives.

DISC MAINTENANCE

Treat your discs with care. If you always handle a disc by its edges and replace it in its storage box after use, cleaning will not normally be necessary. If fingerprints, dust or dirt appear on the surface, the disc can be wiped with a soft, lint-free cloth. Breathe on the disc first if necessary, and then wipe in straight lines from the centre outwards.

DO NOT use cleaning agents containing alcohol, spirits, ammonia or abrasives on compact discs.

MC-BUS SYSTEM CONNECTION

This optional connection enhances and expands the functional capability of specific *Cyrus* products, including your *dAD1*. Using the MC-BUS, a highly functional integrated system with full remote control may be set up.

This feature is fully usable if you own a *Cyrus IIIi/III amplifier* or *Cyrus Pre-amplifier*. Your amplifier handbook has full MC-BUS wiring instructions.

POWER SUPPLIES

For peak sonic performance, the *dAD1* is equipped with several separately regulated power supplies, ensuring optimum isolation between digital disc reading circuitry and the sensitive analogue D/A conversion stages.

CABLE DIRECTIONALITY

Most electrical cables exhibit directional properties when used in audio applications. Audible effects can also be significant in the cable links carrying digital audio signals.

Listen to your *dAD1* with the audio output lead connected first in one direction and then reversed. When the cable orientation is optimised, focus and timing are improved.

THE MISSION/CYRUS GROUP MANUFACTURES:

- Domestic & Automotive Loudspeakers
- Active and Passive Subwoofers
- Loudspeaker Cables and Stands
- Compact Disc Players
- Domestic & Automotive Amplifiers
- FM Tuners
- Surround Sound Audio Processors
- Multi-Room components
- Regulated Audio Power Supplies
- Precision Equipment Stands & Isolation Platforms

TROUBLESHOOTING GUIDE

If you suspect that your *dAD1* is not operating to specification, please read through this section before returning it to your local dealer.

Disc spinning with no sound

- Switch off the power to the audio system and check that connections have been correctly made from the *dAD1* to the amplifier (refer to page 5).

- If used with an external D/A converter, check the connection from the 'DIGITAL OUT' socket of the *dAD1* to the D/A converter. Check that power is applied to the D/A converter and amplifier and that the input selection and volume control is correctly set.

- Pause may have been set. Check for the pause symbol on the display. Press the PLAY/PAUSE key again on the front panel or handset to cancel pause.

Skipping tracks or distorted sound.

- The disc may be dirty or scratched. Try playing another disc. If the disc is dirty, refer to the Disc Maintenance section on page 10 for details of disc cleaning.

Indication 'EO' on the display (Error: Operating)

- A function has been selected which is not available.

Indication 'ED' on the display (Error: Disc)

- Check that the disc is loaded label side upward.

- The disc may be dirty or scratched. Try loading another disc. If the disc is dirty, refer to the Disc Maintenance section on page 10 for details of disc cleaning.

Indication 'EP' on the display (Error: Programming)

- An incorrect key sequence has been used during programming

No Remote Operation

- The handset batteries may need to be replaced, in which case refer to page 8.

- The handset batteries should only be replaced with type AAA (I.E.C.L R03) batteries.

ELECTRICAL PERFORMANCE

Output level .... 2.3V rms

Output Impedance 50Ω

Frequency Response.................................... 20-20,000Hz

Channel Separation...................................>75dB @ 1kHz

                                           >75dB @ 20kHz

SNR (using silent track) .... >98dBA

THD @ -10dB ....<0.02%

POWER SUPPLY

Voltage

See the plate attached to the rear of the unit.

Power consumption

Playing 10W

Standby 5W

Safety Requirement EN60065

EMC compliance EN55013

ENCLOSURE

Dimensions (WxHxD)..........................215 x 78 x 360mm
Weight... 3.1kg

Material...Die cast chassis

The Company reserves the right to change this specification without prior notice.

GUARANTEE

This guarantee only becomes effective if the guarantee card enclosed is completed by the Dealer and the purchaser and returned to MISSION or Distributor within 8 days of purchase.

This guarantee excludes:

i) All damage caused through accident, misuse, wear and tear, neglect or through incorrect installation, adjustment or repair by unauthorised personnel.

ii) Liability for damage or loss occurring in transit to or from the purchaser.

Claims under this guarantee should be made through the Dealer from whom the equipment was purchased or if not convenient, through another authorised MISSION/CYRUS dealer.

MISSION shall not be liable for any consequential damage, loss or injury, arising from or in conjunction with this equipment.

The cost of return carriage shall be borne by the purchaser.

This guarantee is personal to the original Purchaser and is not transferable.

If equipment is found on examination to comply with the published specification, MISSION reserves the right to make a charge for examination and for return carriage.

No Dealer or Distributor may vary the terms of this guarantee.

Any unauthorised servicing will result in loss of guarantee.

We strongly recommend that you retain the sales receipt for your *CYRUS* equipment in case of any warranty claim.

The above conditions do not affect your statutory rights.

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